

Project North Star V3.1 Kit

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by smart-prototyping.com

Group	No.	Part Name	Qty per Kit	Leap Motion Part Number	Kit A	Kit B	Kit C
Electronic & Optics	1	Project North Star Lenses (2 pcs)	1	#500-001 & #500-002	√	√	√
	2	Project North Star Display (3.5 inch, 1440x1600 pixels, 120fps)	2	#700-002	√	√	√
	3	Project North Star Display Driver Board	1	#800-001	√	√	√
Mechanical Parts (excl. 3D Printed Parts)	4	Spring Left (0.304-in OD Torsion Spring 180 Deg. L-Hand Wound)	1	#630-001	√	√	√
	5	Spring Right (0.304-in OD Torsion Spring 180 Deg. R-Hand Wound)	1	#630-002	√	√	√
	6	M2.5x0.45 6mm Long Steel Flat Head Screw 90 Deg CS	28	#640-001	√	√	√
	7	M4x0.7 20mm Steel Button Head Socket Screw	2	#640-002	√	√	√
	8	M2x8mm Long Thread-Forming Screws for Plastic	36	~#650-001	√	√	√
	9	M4x0.7mm Zinc Plated Nylon Insert Hex Lock Nut	2	#660-001	√	√	√
	10	8x16x2mm Rubber Washer	2	~#670-001	√	√	√
	11	M2.5x0.45 3.4mm Long Heat-Set Insert for Plastics	21	#690-001	√	√	√
	12	3x10x165mm 6061 Aluminum Bar Slide (Pre-Drilled & Threaded)	2	~#900-005	√	√	√
	13	Gen 2 Welding Headgear	1	~#900-001	√	√	√
	14	Foam Forehead Padding (Pre-Cut)	1	~#900-003	√	√	√
	15	2mm Thick Self-Stick Anti-Skid Rubber 3M Tape (Pre-Cut)	4	~#900-002	√	√	√
3D Printed Parts	16	Slide Endcap	2	#110-002		√	√
	17	Left Display Tray - 75cm Focal	1	#111-001		√	√
	18	Right Display Tray - 75cm Focal	1	#112-001		√	√
	19	Left Display Tray - 25cm Focal	1	#111-002		√	√
	20	Right Display Tray - 25cm Focal	1	#112-002		√	√
	21	Left Rotation Adjustment Slide Mount	1	#113-001		√	√
	22	Right Rotation Adjustment Slide Mount	1	#114-001		√	√
	23	Forehead Rest Base Shape	1	#115-001		√	√
	24	Simplified Optics Main Body	1	#130-001		√	√
	25	Modular Lid - Electronics Cover	1	#130-002		√	√
	26	Modular Lid - Cable Restraint Left	1	#130-003		√	√
	27	Modular Lid - Cable Restraint Right	1	#130-004		√	√
	28	Modular Lid Sensor Mount - Blank Mounting Plate	1	#130-005		√	√
	29	Modular Lid Sensor Mount - Structure Core & Intel RealSense T265 Compatible	1	---		√	√
	30	Simplified Driver Board Mount	1	#131-001		√	√
	31	Simplified DP Port Holder	1	#131-002		√	√
	32	Forehead Main Structure	1	#210-001		√	√
	33	Forehead Headgear Span	1	#210-002		√	√
	34	Forehead Hinge Cap	2	#210-003		√	√
	35	Forehead Hinge Base	2	#210-004		√	√
	36	Rear Hinge Base	2	#220-001		√	√
	37	Rear Hinge Cap	2	#220-002		√	√
	38	Left Side Main Span With Slide Brake	1	#230-001		√	√
	39	Left Brake Housing	1	#230-002		√	√
	40	Left Brake Button	1	#230-003		√	√
	41	Right Side Main Span With Slide Brake	1	#240-001		√	√
	42	Right Brake Housing	1	#240-002		√	√
	43	Right Brake Button	1	#240-003		√	√
Hand Tools	44	Screw Drivers (Phillips, Torx, Hex/Allen)	1	---	√	√	√
	45	Sculpture Knife (+2 Extra Blades)	1	---	√	√	√
	46	Wire Snips	1	---	√	√	√
Cables	47	DP to Mini DP Cable 1m	1	---	√	√	√
	48	DP to Mini DP Cable 3m	0	---	√	√	√
	49	USB 3.1 A Male to Female Extension Cable 1m	1	---	√	√	√
	50	USB 3.1 A Male to Female Extension Cable 3m	0	---	√	√	√
	51	USB Power Adapter Board (USB A Male to Display Driver Header)	1	---	√	√	√
	52	Project North Star Display Driver Debug Adapter	1	---	√	√	√
Premium Accesories	53	Custom Rugged Carrying Case (42x30x30cm)	1	---		√	√
Other Labor Items	101	Packing & QC	1	---	√	√	√
	102	Adding Heat Set Inserts	1	---		√	√
	103	Assembling of Your Kit	1	---			√
	104	Calbration of Your Kit	1	---			√